

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

4544-011-25 DIV

SERIAL NO.

08/420,503

LIST OF REFERENCES CITED BY APPLICANT
(Use Several Sheets if Necessary)

APPLICANT

MICHAEL D. QUINN ET AL

FILING DATE

APRIL 12, 1995

GROUP

3311

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>AS</i>	AA	4,526,175	07/02/85	CHIN ET AL	128	344	02/22/83
<i>M</i>	AB	4,696,304	09/29/87	CHIN	128	673	04/23/86
<i>M</i>	AC	5,135,535	08/04/92	KRAMER	606	194	06/11/91
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FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 4544-007-25FWC		SERIAL NO. 08/049,231	
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT QUINN ET AL			
					FILING DATE 4/19/93		GROUP 3305	
U.S. PATENT DOCUMENTS								
*EXAM- INER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)								
M	AR	A CONTINUOUS CARDIAC OUTPUT COMPUTER BASED ON THERMODILUTION PRINCIPLES,						
		R.A. NORMANN et al., Annals of Biomedical Eng., Vol. 17, p. 61-73, 1989.						
AS	AS	INVESTIGATION OF A CONTINUOUS HEATING/COOLING TECHNIQUE FOR CARDIAC OUTPUT						
		MEASUREMENT, Kevin C. Ehlers et al., Annals of Biomedical Eng., Vol. 15,						
AT	AT	p. 551-565, 1987.						
EXAMINER		Nasser			DATE CONSIDERED			
					3/28/97			

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APPLICANT QUINN ET AL

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

m	AR	CARDIAC OUTPUT ESTIMATION BY A THERMODILUTION METHOD INVOLVING
		INTRAVASCULAR HEATING AND THERMISTOR RECORDING, T. Barankay et al., Acta
n	AS	Physiologica Academiae Scientiarum Hungaricae, Tomus 38(2-3), p.167-173, 1970
		MEASUREMENT OF CARDIAC OUTPUT BY THERMAL-DILUTION AND DIRECT FICK METHODS IN
m	AT	DOGS, H. H. Khalil et al., Journal of Appl. Physiol., Vol. 21(3), p.1131-5
		1966.

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

m	AR	DETERMINATION OF CARDIAC OUTPUT IN MAN BY A NEW METHOD BASED ON
		THERMODILUTION, H. H. Khalil et al., Preliminary Communications, 6/22/63,
		p. 1352-4.
	AS	REPEATED OR CONTINUAL MEASUREMENTS OF CARDIAC OUTPUT IN THE SQUIRREL
n	AT	MONKEY (Saimiri sciureus) BY THERMODILUTION, H. H. Khalil, Bureau of Med.
		and Surgery, MR011.01.4, Naval Aerospace Med. Inst., 3/8/68

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

m	AR	CRC HANDBOOK OF CHEMISTRY AND PHYSICS, 60th Ed., 1979-1980, p. E-85
		COLE-PARMER INSTRUMENT CO., Niles, IL, (Catalog pages 1259-61)
I	AS	BAXTER HEALTHCARE CORP., (Catalog pages 1, 2, 5 and 6) June 1992
		SERVICE MANUAL FOR MODEL COM-1 THERMODILUTION CARDIAC OUTPUT COMPUTER,
A	AT	American Edwards Laboratories, June 1984, p. 6, Table 2.1

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DATE CONSIDERED

3/8/87

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FORM PO-1449 (Modified)				Docket No.: ECC-4324		Serial No. 07/647,578	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: Quinn, et al.			
				Filing Date: January 29, 1991		Art Unit: 3305	
UNITED STATES PATENT DOCUMENTS							
Ex's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
M	AA	3,798,967	3/26/74	Gieles et al.	73	204	04/13/72
I	AB	4,632,125	12/30/86	Webler et al.	128	692	01/13/84
M	AC	4,901,734	2/20/90	Griffin et al.	128	692	06/30/88
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Ex's. Inits.	Ref.	Document No.	Date	Country	Class	Sub	Translation? Yes No
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Examiner <i>M. J. S. S.</i>			Date Considered <i>3/28/97</i>				
* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 1609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (Modified)				Docket No.: ECC-4124		Serial No. 647,578	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: Michael D. Quinn Mark L. Yelderman			
				Filing Date: Jan. 29, 1991		Art Unit: 3305	
UNITED STATES PATENT DOCUMENTS							
*Exr's Inits.	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
m	AA	4,796,640	1/10/89	Webler, W.E.			
l	AB	4,632,125	12/30/86	Webler, et al.			
u	AC	3,595,079	7/27/71	Grahm, A.R.			
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FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Ref.	Document No.	Date	Country	Class	Sub	Translation? Yes No
	AL	0 303 757	Feb. 1989	Europe			
	AM						
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OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
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Examiner <u>M. J. S. E.</u>							
Date Considered <u>3/29/91</u>							
Place checkmark in citation considered, where citation is in conformance with M.P.E.P. 1609. Draw line through citation (i.e., citation) if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (Modified)				Docket No.: 4544-007-25FWC		Serial No. 08/049,231	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				Applicant: QUINN et al.			
				Filing Date: 4/19/93		Art Unit: 3305	
UNITED STATES PATENT DOCUMENTS							
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
M	AA	3,359,974	12/26/67	Khalil	128	2.05	10/07/63
	AB	3,634,924	1/18/72	Blake et al.	29	447	4/20/70
	AC	3,720,199	3/13/73	Rishton et al.	128	1 D	5/14/71
	AD	3,746,003	7/17/73	Blake et al.	128	349B	9/23/71
	AE	3,790,910	2/5/74	McCormack	235	151.3	4/21/72
	AF	3,995,623	12/7/76	Blake et al.	128	2.06E	2/11/76
	AG	4,089,336	5/16/78	Cage et al.	128	303.1	12/20/74
	AH	4,091,813	5/30/78	Shaw et al.	128	303.1 4	3/14/75
	AI	4,185,632	1/29/80	Shaw	128	303.1	3/14/75
M	AJ	4,198,957	4/22/80	Cage et al.	128	1R	3/22/77
FOREIGN PATENT DOCUMENTS							
Exr's. Init.	Ref.	Document No.	Date	Country	Class	Sub	Translation? Yes No
M	AK	WO91/03208	3/21/91	PCT	A61B	17/38	X
	AL	0 221 357	5/13/87	Europe	A61B	5/00	X
	AM	0 235 811	9/9/87	Europe	A61B	5/02	X
	AN	0 303 757	2/22/89	Europe	A61M	25/00	X
	AO	0 378 234	7/18/90	Europe	A61M	5/028	X
OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.)							
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Date Considered <u>3/28/97</u>							
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				Filing Date: 4/19/93		Art Unit: 3305		
UNITED STATES PATENT DOCUMENTS								
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)	
Pa	AAA	4,199,816	4/22/80	Humphrey	364	571	6/28/78	
	AAB	4,206,759	6/10/80	Shaw	128	303.1	3/14/75	
	AAC	4,207,896	6/17/80	Shaw	128	303.1	3/14/75	
	AAD	4,209,017	6/24/80	Shaw	128	303.1	3/14/75	
	AAE	4,303,984	12/1/81	Houvig	364	571	12/14/79	
	AAF	4,364,390	12/21/82	Shaw	128	303.1	9/5/79	
	AAG	4,407,298	10/4/83	Lentz et al.	128	713	7/16/81	
	AAH	4,418,392	11/29/83	Hata	364	571	6/23/81	
	AAI	4,446,715	5/8/84	Bailey	73	1R	6/7/82	
M	AAJ	4,481,804	11/13/84	Eberhard et al.	73	1G	8/30/82	
FOREIGN PATENT DOCUMENTS								
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M	AAK	0 417 781	3020/91	Europe	A61M	25/00	X	
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UNITED STATES PATENT DOCUMENTS								
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub.	Filing Date (if applicable)	
M	1AAA	4,499,547	2/12/85	Inuiya et al.	364	571	8/13/81	
	1AAB	4,611,304	9/9/86	Butenko et al.	364	571	7/27/83	
	1AAC	4,621,643	11/11/86	New, Jr. et al.	128	633	2/5/86	
	1AAD	4,669,066	5/26/87	Kagawa et al.			12/31/85	
	1AAE	4,684,245	8/4/87	Goldring	356	41	10/28/85	
	1AAF	4,685,470	8/11/87	Sekii et al.	128	692	11/18/85	
	1AAG	4,708,777	11/24/87	Kuraoka et al.	204	1T	2/5/85	
	1AAH	4,770,179	9/13/88	New, Jr. et al.	128	633	10/19/87	
	1AAI	4,785,823	11/22/88	Eggers et al.	128	692	7/21/87	
	1AAJ	4,819,655	4/11/89	Webler	128	713	8/4/87	
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UNITED STATES PATENT DOCUMENTS							
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub	Filing Date (if applicable)
M	2AAA	4,858,615	8/22/89	Meinema	128	668	7/29/88
	2AAB	4,868,476	9/19/89	Respaut	318	632	10/30/87
	2AAC	4,869,263	9/26/89	Segal et al.	128	692	2/4/88
	2AAD	4,942,877	7/24/90	Sakai et al.	128	633	9/4/87
	2AAE	4,954,318	9/4/90	Yafuso et al.	422	59	8/31/87
	2AAF	5,007,423	4/16/91	Branstetter et al.	128	633	10/4/89
	2AAG	5,046,505	9/10/91	Sekii et al.			9/05/89
	2AAH	5,047,025	9/10/91	Taylor et al.	606	31	1/12/90
	2AAI	5,080,106	1/14/92	Sekii et al.	128	692	1/9/90
N	2AAJ	5,121,749	6/16/92	Nassi et al.	128	692	9/12/90
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<i>h</i>	AA	4,236,527	12/2/80	Newbower	138	692	10/20/78
	AB						
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	"Continuous thermal Measurement of Cardiac Output," Philip, Long, Quinn, Newbower, <u>IEEE Transactions on Biomedical Engineering</u> , Vol. SME-31, No. 5, May 1984, pp 393-400
	AS	
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